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| (21) International Application Number: PCT/CA99/00996 (22) International Filing Date: 26 October 1999 (26.10.99) (30) Priority Data: 2,251,157 26 October 1998 (26.10.98) CA (71) Applicant (for all designated States except US): ALBERTA OIL SANDS TECHNOLOGY AND RESEARCH AUTHORITY [CA/CA]; Alberta Research Council, 250 Karl Clark Road, Edmonton, Alberta T6N 1E4 (CA). (72) Inventors; and 1-10 (75) Inventors/Applicants (for US only): <u>GOOD, William, Keith</u> [CA/CA]; Alberta Research Council, 250 Karl Clark Road, Edmonton, Alberta T6N 1E4 (CA). <u>LUHNING, Rick, W.</u> [CA/CA]; Alberta Research Council, 250 Karl Clark Road, Edmonton, Alberta T6N 1E4 (CA). <u>KISMAN, Kenneth, E.</u> [CA/CA]; 5760 Buckboard Road N.W., Calgary, Alberta K3A 4R6 (CA). 2-10 3-10 (74) Agent: JOHNSON, E., Peter; Ogilvie and Company, 1400 Canadian Western Bank Place, 10303 Jasper Avenue, Edmonton, Alberta T5J 3N6 (CA). | | (81) Designated States: IN, RU, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> |
| (54) Title: PROCESS FOR SEQUENTIALLY APPLYING SAGD TO ADJACENT SECTIONS OF A PETROLEUM RESERVOIR (57) Abstract Steam assisted gravity drainage ("SAGD") is practised in a first section of a reservoir containing heavy oil. When production becomes uneconomic, steam injection into the first section is terminated. Non-condensable gas is then injected into the section to pressurize it and production of residual oil and steam condensate is continued. Concurrently with pressurization, SAGD is practised in an adjacent reservoir section. As a result, some of the residual oil in the first section is recovered and steam loss from the second section to the first section is minimized. | | |